# BARTON COMMUNITY COLLEGE

**COURSE SYLLABUS**

**FALL 2013**

## GENERAL COURSE INFORMATION

Course Number: OSHA 1970

Course Title: OSHA TRAINER COURSE IN STANDARDS FOR THE CONTRUCTION INDUSTRY

Credit Hours: 1-3 Credit Hours

Prerequisite: 510 OSHA Standards for Construction or HZMT 1925 Standards for OSHA Construction.

Division and Discipline: Environmental Technology

Course Description: This is an advanced course offered through OSHA’s outreach program that prepares and upon successful completion authorizes the student to instruct OSHA’s 10 or 30 hour construction courses.

Variable Credit: 40 hours for 3 credits, 32 hours for 2.5 credits. The 8 hour difference is for adult learning and presentations.

# CLASSROOM POLICY

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

The College reserves the right to suspend a student for conduct that is detrimental to the College's educational endeavors as outlined in the College catalog.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. Learn the rules of, and avoid instances of, intentional or unintentional plagiarism.

Anyone seeking an accommodation under provisions of the Americans with Disabilities Act should notify Student Support Services.

1. COURSE AS VIEWED IN TOTAL CURRICULUM

This advanced course is intended to provide students who inspire to provide workplace training under OSHA’s volunteer training program. Successful completion of this course allows the student to become an OSHA “Approved Outreach Instructor” for the 10 and 30 hour construction classes. This course is an elective for the Hazmat and Emergency Management degree and certificate programs.

1. ASSESSMENT OF STUDENT LEARNING/COURSEOUTCOMES

Barton Community College assesses student learning at several levels: instructional, program, degree and classroom. The goal of the assessment activities is to improve student learning. As a student in this course, you will participate in various assessment activities. Results of these activities will be used to improve the content and delivery of Barton’s instructional program.

1. Demonstrate knowledge of the history of OSHA.
2. Demonstrate an understanding of the adoption and extension of established federal regulations.
3. Demonstrate an understanding of OSHA’s inspection procedures.
4. Demonstrate an understanding of OSHA's Construction Industry workplace safety requirements.
5. Demonstrate an understanding of the outreach training program guidelines.

## COMPETENCIES

1. Demonstrate knowledge of the history of OSHA.
2. Identify key dates
3. Explain the goals of OSHA’s
4. Demonstrate an understanding of the adoption and extension of established federal regulations.
5. Explain the federal register system
6. Define and contrast Horizontal and Vertical standards
7. Discuss policies under the general duties clause 5(a)(1)
8. Demonstrate an understanding of OSHA’s inspection procedures.
9. Explain OSHA's inspection procedures
10. Explain employees rights and responsibilities
11. Explain employers rights and responsibilities
12. Explain the abatement process
13. Discuss general guideline on focused inspections
14. Demonstrate an understanding of OSHA's Construction Industry workplace safety requirements.
15. Identify safety requirements under the following topics:
16. General safety and health provisions. Subpart C
17. Competent person. Subpart C
18. Electrical standards. Subpart K
19. Fall protection standards and devices. Subpart M
20. Occupational health and environmental controls. Subpart D
21. PPE and life saving equipment. Subpart E
22. Health hazards in construction. Subpart D
23. Material handling, rigging, storage, use and disposal. Subpart H
24. Hand and power tools with machine guarding. Subpart I
25. Welding and cutting requirements. Subpart J
26. Scaffolding requirement. Subpart L
27. Cranes derricks, hoist, elevators, and conveyors. Subpart N
28. Motor vehicles mechanized equipment operations, rollover protection structures, overhead protection and signs, signals and barricades. Subpart O, W, and G
29. Excavations. Subpart P
30. Concrete and masonry requirements of construction. Subpart Q
31. Ladders and stairways. Subpart X
32. Confined space entry. Subpart C
33. Fire protection and prevention. Subpart F
34. Demonstrate an understanding of the outreach training program guidelines.
35. Identify required topics for 10 hour and 30 hour class.
36. Identify training materials needed for 10 and 30 hour class.
37. Identify requirements for guest trainers.
38. Explain requirements for in-person training and on-line training.
39. Identify equipment and instructor requirements versus class size.
40. Identify requirements for combined 10 hour Construction and General Industry Class.
41. Identify advertising procedures for both 10 and 30 hour classes
42. Identify how OSHA monitors outreach training.
43. Identify procedures to obtain OSHA course completion cards.
44. INSTRUCTOR EXPECTATION OF STUDENTS IN CLASS

## TEXTBOOKS AND OTHER REQUIRED MATERIALS

1. **REFERENCES**
2. METHODS OF INSTRUCTION AND EVALUATION

# ATTENDANCE REQUIREMENTS

1. **COURSE OUTLINE**